

Claims

1. A method of transmitting information asynchronously between a supplier and a consumer in accordance with ACID properties, said supplier and said consumer being connected by a chain of communication channels, characterized in that said information is transmitted by means of independent transactions set up:

- between said supplier and the first communication channel of said chain,
- between each of the communication channels of said chain, and
- between the last communication channel of said chain and said consumer.

2. A method according to claim 1, characterized in that each communication channel has a set of clients which can be other communication channels and/or consumers, and in that when a communication channel of said chain is the target of one of said independent transactions, it effects the following steps:

- storing said information in a reliable memory,
- finalizing said independent transaction, and
- if said independent transaction has succeeded, initiating independent transactions with said clients containing said information.

3. A method according to the preceding claim, characterized in that to initiate said independent transactions said information is stored in queues each of which is associated with one of said clients and consumed by a thread.

4. A communication channel enabling asynchronous transmission of information between a supplier and a consumer in accordance with ACID properties, said channel having a set of clients which can be other communication channels and/or consumers, characterized in that it includes:

- means for storing the information contained in a transaction for which said channel is the target,
- means for finalizing said transaction, and
- means for initiating transactions containing said information with said clients if said transaction has succeeded.

5. A communication channel according to the preceding claim, characterized in that it further includes queues each of which is associated with one of said clients.

6. A transactional asynchronous communication architecture utilizing a plurality of communication channels according to either claim 4 or claim 5.